EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--|---------------------|---------|---------------------|
| S52 | 454 | 726/2.cds. | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S53 | 47575 | "726".clas. or "713".clas. or "380".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S54 | 113 | CANDELORE-BRANT-L.in. DEROVANESSIAN-HENRY. in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/07 17:13 |
| S55 | 11 | CANDELORE-BRANT-L.in. DEROVANESSIAN-HENRY. in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S56 | 8 | S55 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S57 | 83 | S54 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S58 | 53 | S54 @ad< "20020512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S59 | 0 | S55 @ad< "20020512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |

| 560 | 5 | (((condition\$4 near2 access \$2) or CA) same (common \$2 near4 interfac\$4 near modul\$3) or (cable\$2 adj2 card\$2)) ((servic\$3 near3 provide\$4) or (Terrestria\$4 near4 broadcast6\$4) or (direc\$4 near4 broadcast6\$4) or (direc\$4 near4 broadcast6\$4) or (direc\$4 near4 broadcast6\$4) or (direc\$5 near3 operato\$4) or (direc\$5 near4 broadcast6\$5) or (Encod\$5 or decod\$5) or (Encod\$5 or decod\$5) or (Encod\$5 or decod\$5) or (encipher\$5 or decipher\$5) or (soramb\$5) or (ferid\$3 near3 Pogrammab\$4 near4 Cate\$3 near4 Array \$41 or FFGA or (Frogrammab\$3 near4 broadcast6) or (Frogrammab\$4 near4 broadcast6) or (Frogrammab\$3 near4 broadcast6) or (Frogrammab\$4 near4 b | US-PGPUB; USPAT; USOOR; EPC; JPO; DEFWENT; IBM_TDB | AND | ON | 2006/11/07 |
|-----|---|--|--|-----|----|---------------------|
| S61 | 4 | S60 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 19:36 |
| S62 | 0 | · | US-PGPUB; USPAT; USOCR; EPC; JPO; DEFWENT; IBM_TDB | ÄND | ON | 2006/11/07 17:13 |

| S63 | 6 | ((condition\$4 near2 access \$2) or CA) ((common\$2 near4 interfac\$4 near modul\$3) or (cable\$2 adj2 card\$2)) ((servic\$3 near3 provids\$4) or (Terrestria\$4 near4 broadcaste\$4) or (orliec\$4 near4 broadcaste\$4) or (direc\$4 near4 broadcaste\$4) or (direc\$4 near4 broadcaste\$4) or (direc\$4 near4 broadcaste\$4) or (direc\$4 near4 broadcaste\$4) or (cabls\$3 near3 operato\$4) or (direc\$4 near4 broadcaste\$6) or (Encod\$5 or deoxod\$5) or (Encod\$5 or deoxod\$5) or (encipher\$5 or deoxpher\$5) or (encipher\$5 or deoxpher\$5) ((field\$3 near3 Programmab\$4 near4 Cate\$3 near4 Array\$4) or FPGA or (Programmab\$3 near4 Logic\$3 near Device\$3) or (PrOgrammab\$3 near4 Logic\$3 near4 Device\$3) or (PrOgrammab\$3 near4 Device\$3) or (PrOgrammab\$4 Device\$4 | US-PACPUB; USPAT; USCOR; EPC, JPC); DEFWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
|-----|---|--|--|-----|----|---------------------|
| S64 | 4 | S63 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S65 | 1 | ((condition\$4 near2 access \$2) or CA) ((set-top\$3 adj3 box\$3) or (STB) or digiboxe\$3) ((common\$5 near4 interfac\$4 near modul\$3) or (cable\$2 adj2 card\$2)) ((servic\$3 near3 provide\$4) or (Terrestria\$4 near4 broadcaste\$4) or (cabl\$3 near3 operatos\$4) or (direc\$4 near4 broadcaste\$4) or (direc\$4 near4 broadcaste\$4) or (direc\$4 near4 broadcaste\$4) or (direc\$4 near4 broadcaste\$6 near4 provide\$4)) ((Encrypt\$5 or decod\$5) or (Encod\$5 or decod\$5) or (encipher\$5 or decipher\$5) or (seramb\$5) ((Fleid\$3 near3 Programmab\$4 near4 Cate\$3 near4 Array\$4) or (FPOA or (Programmab\$3 near4 Logic\$3 near Device\$3) or ePLD) | US-PGPUB; USPAT; USOCR; EPC, JPO; DEFWENT; IBM_TDB | AND | ON | 2006/11/07 |
| S66 | 0 | ("2004/0228175").URPN. | USPAT | AND | ON | 2006/11/07 17:13 |

| S67 | 67 | CableCARD\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
|-----|-----|--|--|-----|----|---------------------|
| S68 | 67 | CableCARD\$3.ti. CableCARD\$3.ab. CableCARD\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/07 17:13 |
| S69 | 1 | S68 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S70 | 67 | CableCARD\$3.ti. CableCARD\$3.ab. CableCARD\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/07 17:13 |
| S71 | 7 | CableCARD\$3.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S72 | 12 | CableCARD\$3.ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S73 | 196 | ((condition\$4 near2 access \$2) or CA) ((set-top\$3 adj\$ box\$3) or (STB)or digiboxe\$3) or (STB)or digiboxe\$3) ((servic\$3 near3 provide\$4) or (Terrestria\$4 near4 broadcaste\$4) or (dabt\$3 near4 satellit\$3) or (digita \$2 near4 satellit\$3) or (digita \$2 near4 conten\$5 near4 provide\$4)) ((Encrypt\$5 or decrypt\$5) or (Encod\$5 or decod\$5) or (encipher\$5 or decipher\$5) or (scramb1 \$5 or descramb\$5)) ((field \$3 near4 Array \$4) or FFCA or (Frogrammab\$4 near4 Cate\$3 near4 Array \$4) or FFCA or (Frogrammab\$3 near4 Logic\$3 near Device\$3) or PLD) | US POPUB; USPAT; USOOR; EPC, JPO; DEFWENT; IBM_TDB | AND | ON | 2006/11/07 |

| S74 | 86 | S73 @ad<"20020512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
|-----|-----|---|--|-----|----|---------------------|
| S75 | 4 | S68 S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S76 | 1 | S75 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S77 | 228 | ("20020046406" "20020059425" "20020059425" "20020059425" "20020108035" "20020150239" "20020150239" "20020196339" "20020196339" "20020196339" "2003002412" "20030026423" "20030026423" "20030046686" "20030046686" "20030046686" "20030046686" "20030046686" "20030046686" "20030133570" "20030133570" "20030133570" "20030152226" "20030152226" "20030159140" "20030159139" "20030159149" "20030159149" "2004004049691" "2004004049691" "2004004049691" "20040133037" "20040123094" "20040123094" "20040133037" "20040133037" "20040123094" "20040133037" "20040133037" "20040165586" "20040165586" "20040165586" "3882519" "4381519" | US-PGPUB; USPAT; USOCR | AND | ON | 2006/11/07 |

| "4419693" | |
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| "4634808" | |
| "4703351" | "4703352" |
| "4710811" | "4722003" |
| "4739510" | "4772947" |
| "4785361" | "4788589" |
| "4815078" | |
| "4887296" | "4890161" |
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| "5144662" | |
| "5196931" | |
| "5237424" | |
| "5247575" | "5258835" |
| "5325432" | "5327502" |
| "5359694" | "5379072" |
| "5398078" | "5416651" |
| "5416847" | |
| "5428403" | "5434716" |
| "5438369" | "5455862" |
| | "5471501" |
| | |
| "5473692" | |
| "5481627" | #FF0F070# i |
| "5528608" | |
| "5539823" | |
| "5555305" | |
| "5568552" | |
| "5582470" | |
| "5598214" | "5600721" |
| "5606359" | "5608448" |
| "5615265" i | "5617333" |
| "5625715" | |
| "5652795") | |
| ("5663764" | "5666293" |
| "5703889" | "5717814" |
| "5732346" | "5742680" |
| "5742681" I | : |
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| f : | |
| "5757909" | |
| "5796786" | |
| "5796840" | |
| "5805700" | "5805712" |
| "5805762" | "5809147" |
| "5815146" | |
| | "5818934" İ |
| | |
| "5825879" | "5850218" |
| "5825879" "5852290" | "5850218" "5852470" |
| "5825879" "5852290" "5870474" | "5850218" "5852470" "5894320" |
| "5825879" "5852290" "5870474" "5894516" | "5850218" "5852470" "5894320" "5915018" |
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| "5825879" "5852290" "5870474" "5894516" "5922048" "5940738" | "5850218" "5852470" "5894320" "5915018" "5933500" "5949877" |
| "5825879" "5852290" "5870474" "5894516" "5922048" "5940738" "5949881" | "5850218" "5852470" "5894320" "5915018" "5933500" "5949877" "5973679" |
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| "5825879" "5852290" "5870474" "5894516" "5922048" "5940738" "5949881" | "5850218" "5852470" "5894320" "5915018" "5933500" "5949877" "5973679" "5999622" |

| S79 30 | CableCARD ((conditional-access) or (conditional adj2 access) or CA) ((set-top adj2 box\$2) or (settop adj2 box\$2) or STB) \$79 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
|---------|--|--|-----|----|---------------------|
| S78 225 | "6519639" "6529526" "6543053" "6549229" "6557031" "6587561" "66876418" "66643489" "6687340" "6687344" "6772340" "6904520"). PN. S77 @ad< "20030512" | US-POPUB; USPAT; USOCR; EPO; JPO; DEFWENT; | AND | ON | 2006/11/07 17:13 |
| | "6028932" "6049613" "6058972" "6055314" "6057872" "6056192" "6056192" "6056192" "6061505" "6065050" "6069647" "6072873" "6073122" "6073122" "6073122" "6138237" "6134551" "6138237" "6143551" "6138238" "6185546" "6199053" "6204843" "6290989" "6216444" "6226618" "6226955" "6266416" "6226955" "6266416" "6278733" "6289455" "625651538" "637830" "637830" "637830" "637830" "637830" "637830" "6389357" "6450328" "6450427" "6450427" "6450427" "6450427" "6450427" "6450427" "64606671" "6450502" "6466671" "6460522" "6466671" "6460522" "6466671" "6560502" "6560554" "6466671" "6460522" "6466671" "6560502" "6560554" "6560554" "6560554" "65605554" "65605554" "6466671" "6560502" "65605554" "65605522" "65605554" "65605554" "65605554" "65605554" "65605522" "65605554" "65605554" "65605522" "65605554" "65605554" "65605554" "65605554" "65605554" "65605554" "65605554" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "65605554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "6560502" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "6560552" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "65605522" "6560554" "6 | | | | |

| S81 | 30 | CableCARD ((conditional- access) or (conditional adj2 access) or CA) ((set- top adj2 box\$2) or (settop adj2 box\$2) or STB) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
|-----|-----|--|---|-----|----|---------------------|
| 582 | 202 | ((conditional-acoss) or (conditional-ac) acoss) or CA) ((set-top adj2 box \$2) or (settop adj2 box \$2) or (settop adj2 box \$2) or (settop adj2 box \$2) or STB) ((servic\$3 near3 provide\$4) or (Terrestria\$4 near4 broadcaste\$4) or (direc\$4 near4 broadcas \$4 near4 provide\$4) or (direc\$4 near4 broadcas \$4 near4 provide\$4) or (digita\$3 near3 conten\$3 near4 provide\$5) or (Encod\$5 or decod\$5) or (encipher\$5 or decipher\$5) or (scrambi\$5) or (feld\$3 near3 Programmab\$4 near4 Cate\$3 near4 Array \$4\) or FFA or (Frogrammab\$3 near4 bogic\$3 near4 | US-PGP-UB; USPAT; USOCR; EPC; JPO; DETWENT; IBM_TDB | AND | ON | 2006/11/07 |
| S83 | 122 | S82 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| 584 | 0 | ((conditional-acoses) or (conditional-acoses) or CA).ti. ((set-top adj2 box \$2) or (settop adj2 box \$2) or (settop adj2 box \$2) or STB).ti. ((conditional-access) or (conditional-access) or (digita \$3 near3 contens\$3 near4 provides\$4)) ((Enrypt\$5 or (Encod\$5 | US-PGP-UB; USPAT; USOCR; EPC; JPO; DETWENT; IBM_TDB | AND | ON | 2006/11/07 |

| | *************************************** | decod\$5) or (encipher\$5 or decipher\$5 or decipher\$5) or (scramb) \$5 or descramb\$5)) ((field \$3 near3 Programmab\$4 near4 Cate\$3 near4 Array \$4) or FFCA or (Programmab\\$3 near4 Logic\\$3 near Device\\$3) or PLD) | | лининининининининининининининининининин | *************************************** | |
|-----|---|--|--|---|---|---------------------|
| S85 | 8 | ((conditional-access) or (conditional adj2 access) or CA).ti. ((set-top adj2 box \$2) or (settop adj2 box \$2) or STB).ti. ((conditional-access) or (conditional-adj2 access) or CA).ab. ((set-top adj2 box\$2) or (settop adj2 box\$2) or STB).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S86 | 115 | S83 (((conditional-access) or (conditional adj2 access) or CA).ti. ((set-top adj2 box52) or (settop adj2 box52) or STB,ti.) or (((conditional-access) or (conditional-access) or CA).ab. ((set-top adj2 box52) or (settop adj2 box52) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S87 | 2329 | PC CARD ((conditional- access) or (conditional adj2 access) or CA) ((set- top adj2 box\$2) or (settop adj2 box\$2) or STB) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S88 | 647 | [((PC adj2 CARD\$2) or PCMCIA) ((conditional- access) or (conditional adj2 access) or CA) ((set- top adj2 box\$2) or (settop adj2 box\$2) or STB) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S89 | 22 | ((IPC adj2 CAFID\$2) or PCMCIA) ((conditional-access) or (conditional adj2 access) or CA) ((settop adj2 box\$2) or (SETOp adj2 box\$2) or STB) ((servic\$3 near3 provide \$4) or (Terrestria\$4 near4 broadcasts\$4) or (cabl\$3 near3 operato\$4) or (digita \$3 near3 contents) near4 satellit\$3) or (digita \$3 near3 contents) near4 provide\$4)) ((Encrypt\$5 or decrypt\$5) or (Encod\$5 or | US-PGPUB; USPAT; USOOR; EPC; JPO; DEFWENT; IBM_TDB | AND | ON | 2006/11/07 |

| | | decod\$\$) or (encipher\$\$ or decipher\$\$ or decipher\$\$) or (scrambl \$\$ or descramb\$\$)) ((Field \$\$ near\$ Programmab\$4 near4 Cate\$3 near4 Array \$\$4) or FPCA or (Programmab\$3 near4 Logic\$3 near Device\$3) or PLD) | | | *************************************** | |
|-----|-----|---|--|-----|---|---------------------|
| 990 | 18 | PCMCIA ((conditional- access) or (conditional ad)2 access) or CA) ((set- top ad)2 box\$2) or (set- top ad)2 box\$2) or (set- top ad)2 box\$2) or (set- ad)2 box\$2) or STB) ((servic\$3 near3 provide \$4) or (Terrestria\$4 near4 broadcasts\$4) or (dab\\$3 near3 operato\\$4) or (direc \$4 near4 broadcast\$4 near4 satellit\\$3) or (digita \$3 near3 contents3 near4 provide\\$4)) ((Fincrypt\\$5 or decod\\$5) or (encipher\\$5) or decipher\\$5) or (scrambl \$5 or descramb\\$5)) ((Field \$3 near3 brogrammab\\$4 near4 Gate\\$3 near4 Array \$4\ or FPG\\$0 or (Frogrammab\\$3 near4 Logic\\$3 near Device\\$3) or (PLD) | US-PGP-UE; USPAT; USOCR; EPC; JPO; DET-WENT; IBM_TDB | AND | ON | 2006/11/07 |
| S91 | 11 | \$90 @ad<"20030512" | US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S92 | 618 | (PCMCIA or CableCARD\$3. ti. or CableCARD\$3. ab. or CableCARD\$3. ab. or CableCARD\$3 or POD or (Point adj of adj Deployement)) ((conditional access) or (conditional adj2 access) or CA) ((set-top adj2 box \$2) or (settop adj2 box\$2) or STB) | US POPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |

| S93 | 41 | (FCMCIA or CableCAFD\$3.ti, or CableCAFD\$3 or POD or CableCAFD\$3 or POD or (Foint adj of adj Deployement)) ((conditional-access) or (conditional-adj2 access) or CA) ((set-top adj2 box \$2) or (settop adj2 box\$2) or STB) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | | 2006/11/07 17:13 |
|------|-----|--|--|------|----|---------------------|
| S94 | 17 | S93 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S95 | 4 | ("5270828" "5305113" "5471450" "5715354"). PN. OR ("6925180").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/11/07 17:13 |
| S96 | 73 | (PCMCIA or CableCARD\$3. ti. or CableCARD\$3. ab. or CableCARD\$3 or POD or (Point adj of adj Deployement)) ((conditional-access) or (conditional-adj2 access) or CA) ((set-top adj2 box \$2) or (settop adj2 box\$2) or STB) | US-PCPUB; USPAT; USOCR; EPC; JPC; DERWENT; IBM_TDB | SAME | ON | 2006/11/07 17:13 |
| S97 | 56 | \$96 not \$94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S98 | 11 | 997 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S99 | 618 | (FCMCIA or CableCARD\$3. ti. or CableCARD\$3. ab. or CableCARD\$3. or POD or (Point adj of adj Deployement)) ((conditional-access) or (conditional adj2 access) or CA) ((set-top adj2 box \$2) or (settop adj2 box\$2) or STB) | US-PCPUB; USPAT; USOCR; EPC; JPC; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S100 | 545 | S99 not (S94 or S97) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |

| S101 | 330 | S100 @ad< "20030512" | US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
|------|-----|---|--|-----|----|---------------------|
| S102 | 27 | (US-20030021412-\$ or US-20030106067-\$ or US-20030106067-\$ or US-20030059047-\$ or US-20030059047-\$ or US-2003012895-\$ or US-20030212895-\$ or US-20030212895-\$ or US-20030212895-\$ or US-20040019913-\$ or US-20040019913-\$ or US-20040019913-\$ or US-20020059642-\$). did. or (US-5870474-\$ or US-7024683-\$ or US-6640305-\$ or US-657094-\$ or US-666305-\$ or US-6637027-\$ or US-662891-\$ or US-6637027-\$ or US-662891-\$ or US-6637027-\$ or US-662891-\$ or US-663055-\$ or US-6637027-\$ or US-662891-\$ or US-20030059047-\$ or U | US-PGP-UB; USPAT; EPO; DEFWENT | AND | ON | 2006/11/07 |
| S103 | 27 | S102 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/07 17:13 |
| S104 | 14 | (US-20040221302-\$ or US- 20040019911-3 or US- 20030212895-\$ or US- 20030172034-\$ or US- 200201577115-\$ or US- 200201577115-\$ or US- 200201546125-\$ or US- 20020059042-\$). did. or (US-7024683-\$ or US- 6628891-\$ or US-6637027- \$ or US-5970474-\$ or US- 6289455-\$ or US-6040851- \$). did. or (US- 20030059047-\$). did. | US-POPUB; USPAT; DEFIWENT | AND | ON | 2006/11/07 17:13 |

| S105 | 9 | ((S4conditional near2 \$4access\$4) provider (\$4Flural\$4 or \$4Multipl\$4 or \$4Several\$4) First\$4 Second\$4 (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl \$5)) and (CA or CAS or CAM or CableCARD or DCAS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | | 2007/09/25 19:35 |
|------|--------|--|--|------|----|---------------------|
| S106 | 3 | ((\$4conditional near2 \$4access\$4) provider (\$4Pural\$4 or \$4Multipl\$4 or \$4\$everal\$4) First\$4 Second\$4 (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl \$5)) and (CA or CAS or CAM or CableCARD or DCAS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/09/25 19:38 |
| S107 | 1 | S106 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 19:39 |
| S108 | 15 | (US-20030059047-\$ or US-20040221302-\$ or US-20040019913-\$ or US-200300212895-\$ or US-20030172034-\$ or US-20030172034-\$ or US-20020159642-\$), did. or (US-7024683-\$ or US-6288455-\$ or US-6040851-\$ or US-6637027-\$ or US-662891-\$ or US-6637027-\$ or US-623030059047-\$), did. or (US-20030059047-\$), did. | US-PGPUB; USPAT; DEFWENT | AND | ON | 2007/09/25 |
| S109 | - - | ((\$4conditional near2 \$4access\$4) provider (\$4Plural\$4 or \$4Multipl\$4 or \$4Several\$4) First\$4 \$econd\$4 (\$4crypt\$5 or \$4crambl \$5) (core\$4 near3 logic \$4)) and (CA or CAS or CAM or CableCARD or DCAS) | US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/09/25 |
| S110 | 0 | S109 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 19:39 |

| S111 | 4 | ((S4-conditional near2 S4acossS4) provider (S4PuralS4 or S4MultiplS4 or S4SeveralS4) FirstS4 SecondS4 (S4cryptS5 or S4cipherS5 or S4scrambl S5) (coreS4 near3 logic S4) and (CA or CAS or CAM or CableCARD or DCAS) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 19:42 |
|------|----|---|--|-----|----|---------------------|
| S112 | 0 | S111 @ad< "20030512" | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 19:43 |
| S113 | 25 | ((\$4conditional near2 \$4acoss\$4) provider (\$4Pural\$4 or \$4Multipl\$4 or \$4Several\$4) First\$4 \$econd\$4 (\$4crypt\$5 or \$4cipher\$5 or \$4serambl \$5) (core\$4 with logic\$4)) and (CA or CAS or CAM or CableCAFD or DCAS) | US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 19:52 |
| S114 | 19 | S113 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 19:59 |
| S115 | 1 | ((First\$4 or primary) with \$4conditional with \$4acoes \$4 with provider) (Second \$4 with \$4dcoes with \$4dcoes \$4 with \$4dcoes \$4 with provider) (\$4 Pirst\$4 or \$4 Sultipl \$4 or \$4 Several\$4) with \$4conditional with \$4acoes \$4 with provider) (\$4 Verypt \$5 or \$4 cipher\$5 or \$4 sexembl\$5) (core\$4 with logic\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 20:27 |
| S116 | 0 | S115 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB | AND | ON | 2007/09/25 20:28 |

| S117 | 1 | ((Cfirst\$4 or primary) with \$400ndfitional with \$4acoess \$4 with provider) (Second \$4 with \$4conditional with \$4acoess\$4 with provider) ((\$4Pural\$4 or \$4Multip) \$4 or \$4Several\$4) with \$400ndfitional with \$4acoess \$4 with provider) (\$4crypt \$5 or \$4cipher\$5 or \$4scrambl\$5) (core\$4 with logi\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 20:35 |
|------|----|--|--|------|-----|---------------------|
| S118 | 0 | S117 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 20:36 |
| S119 | 3 | ((First\$4 or primary) with \$4conditional with \$4access \$4 with provider) (Second \$4 with \$4conditional with \$4access \$4 with provider) ((\$4Plural\$4 or \$4Multipl \$4 or \$4Several\$4)with \$4conditional with \$4access \$4 with provider) (\$4crypt \$5 or \$4cpher\$5 or \$4scends\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2007/09/25 20:39 |
| S120 | 1 | S119 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 20:41 |
| S121 | 16 | (US-20030059047-\$ or US-20040221302-\$ or US-20040019913-\$ or US-20030212895-\$ or US-20030172034-\$ or US-20030172034-\$ or US-20020157115-\$ or US-2002015642-\$). did. or (US-7024683-\$ or US-6289455-\$ or US-6040851-\$ or US-66307027-\$ or US-662891-\$ or US-6637027-\$ or US-662030559047-\$). did. or (US-20030059047-\$). did. | US-PGPUB; USPAT; DERWENT | AND | ĬON | 2007/09/25 20:37 |

| S122 | 12 | ((First\$4 or primary) with \$4conditional with \$4access \$4 with provider) (Second \$4 with \$4conditional with \$4acces\$4 with provider) ((\$4Plural\$4 or \$4Multipl \$4 or \$4Several\$4)with \$4conditional with \$4access \$4 with provider) (\$4crypt \$5 or \$4cipher\$5 or \$4scrambi\$5) | US PCPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB | AND | ON | 2007/09/25 20:39 |
|------|----|---|--|-----|----|---------------------|
| S123 | 21 | ((First\$4 or primary) with (((\$4\conditional near3\) \$4\access\$4\) or CAS\$1 or CAM\$1 or CAM\$1 or CableCAFD or DCAS\$1) with provider) ((\$econd\$4 with (((\$4\conditional near3\) \$4\access\$4\) or CAS\$1 or CAM\$1 or CableCAFD or DCAS\$1) with provider) ((\$4\conditional near3\) \$4\access\$4\) or CAS\$1 or CAM\$1 or \$4\second\$4\) with ((\$4\conditional near3\) \$4\access\$4\) or CAS\$1 or CAM\$1 or CableCAFD or DCAS\$1) with provider) (\$4\conditional near3\) \$4\access\$4\) or CAS\$1 or CAM\$1 or CableCAFD or DCAS\$1\) with provider) (\$5\conditional near3\) \$4\access\$4\conditional near3\) \$4\access\$4\conditional near3\) \$4\access\$6\conditional near3\) \$ | US-PCPUB; USPAT; USCOR; EPC, JPO; DEFWENT; IBM_TDB | AND | ON | 2007/09/25 |
| S124 | 12 | S123 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:01 |
| S125 | 9 | (US-20030196113-\$ or US- 20030026423-\$ or US- 20020146125-\$).did. or (US-6898285-\$ or US- 6637027-\$ or US-6115821- \$ or US-6108422-\$ or US- 6091818-\$ or US-5796829- \$).did. | US-PGPUB; USPAT | AND | ON | 2007/09/25 21:01 |
| S126 | 9 | S125 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:07 |
| S127 | 14 | ("5796829" "5802063" "5805705" "5872588" "5875396" "5944794" "6028933" "6105134" "6157719" "6229895" "6415031" "62577621" "6590981").PN. OR ("6898285").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/09/25 21:01 |

| S128 | 20 | ("5016272" "5751335" "5828402" "5862324" "5882844" "5973683" "6006264" "6055315" "6157377" "6370580" "6424717" "6434562"). PN. OR ("6637027").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/09/25 21:02 |
|------|----|---|--|-----|----|---------------------|
| S129 | 2 | ("2003/0196113").URPN. | USPAT | AND | ON | 2007/09/25 21:02 |
| S130 | 15 | ("2003/0026423").URPN. | USPAT | AND | ON | 2007/09/25 21:02 |
| S131 | 2 | ("2002/0146125").URPN. | USPAT | AND | ON | 2007/09/25 21:02 |
| S132 | 29 | ('4484025", "4613901" "4712238" "485775" "5111504" "5138659" "5144662" "5144664" "5191611" "5291554" "5321750" "5491748" "5497420" "5539822" "5682795" "561799" "5694472" "5715515" "5930471"), PN. OR ('6115821"), URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/09/25 21:02 |
| S133 | 24 | ("4484025" "4613901" "4712238" "5111504" "5138659" "5144662" "5144664" "5191611" "5291554" "5321750" "5491748" "5652795" "5796829") .PN. OR ("6108422").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/09/25 21:03 |
| S134 | 5 | ("5191611" "5703951" "5721781").PN. OR ("6091818").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/09/25 21:03 |
| S135 | 5 | ("5191611" "5703951" "5721781").PN. OR ("6091818").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/09/25 21:03 |
| S136 | 43 | ("4484025" "4712238" "5138659" "5144662" "5191611" "5291554" "5491748" "5652795"). PN. OR ("5796829").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/09/25 21:03 |
| S137 | 94 | S127 S128 S129 S130 S131 S133 S134 S135 S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/25 21:04 |
| S138 | 88 | S137 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:09 |

| S139 | 446 | ((Ifirst\$4 or primary) same ((S4conditional near3 \$4access\$4) or CAS\$1 or CAM\$1 or CableCARD or DCAS\$1) same provider) (Second\$4 same ((S4conditional near2 \$4access\$4) or CAS\$1 or CAM\$1 or CableCARD or DCAS\$1) same provider) ((S4Plural\$4 or \$4Multipl \$4 or \$4Several\$4) same ((S4conditional near3 \$4access\$4) or CAS\$1 or CAM\$1 or CableCARD or DCAS\$1) same provider) ((S4cypt\$5 or \$4several\$4) same (S4conditional near3 \$4access\$4) or CAS\$1 or CAS\$1 or CAS\$1 or CAS\$1 or S4several\$4) same provider) (S4cypt\$5 or \$4several\$4) same provider) (S5cypt\$5 or \$4several\$5) or \$4several\$5) or \$4several\$5 | IUS PGPUB; USPAT; USCOR, EPO; JPO; DETWENT; IBM_TDB | AND | ON | 2007/09/25 21:12 |
|------|-----|--|---|------|----|---------------------|
| S140 | 8 | S138 S139 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:09 |
| S141 | 8 | S140 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:14 |
| S142 | 42 | ((First\$4 or primary) same ((\$4conditional near3) \$4acoses\$4) or CA\$51 or CAM\$1 or CAM\$1 or CableCAFD or DCA\$51) same provider) (\$econd\$4 same ((\$4conditional near3) \$4acoses\$4) or CA\$51 or CAM\$1 or CableCAFD or DCA\$51) same provider) ((\$4Flural\$4 or \$4Multipl \$4 or \$4Several\$4) same ((\$4conditional near3) \$4acoses\$4) or CA\$51 or CAM\$1 or CableCAFD or DCA\$51) same provider) ((\$4CM\$1) same provider) ((\$4CM\$1) same provider) \$4 or \$4Several\$4) same ((\$4conditional near3) \$4acoses\$4) or CA\$51 or CableCAFD or DCA\$51) same provider) \$64CM\$1 same provider) \$64CM\$2 same prov | US-PGPUB; USPAT; USOCR; EPC, JPO; DEFWENT; IBM_TDB | SAME | ON | 2007/09/25 21:22 |
| S143 | 21 | S142 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB | AND | ON | 2007/09/25 21:23 |

| S144 | 2 | "6289455".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:18 |
|------|----|---|--|------|----|---------------------|
| S145 | 3 | "20030212895" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:18 |
| S146 | 6 | ((First\$4 or primary) with (((\$4conditional near3 \$4acoss\$\$4) or CA\$51 or CA\\$51 or CA\\$551 or S4\\$51 or S | US-RCPUB; USPAT; USOCR; EPC; JPO; DEFWENT; IBM_TDB | SAME | ON | 2007/09/25 |
| S147 | 4 | S146 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:32 |
| S148 | 27 | ((First\$4 or primary) with ((\$4\conditional near3 \$4\access\$4) or CA\$51 or CA\s\$1 or CA\s\$1 or Ca\s\$1 with provider) (\$e\cond\$4 with provider) (\$e\cond\$4 with ((\$4\conditional near3 \$4\access\$4) or CA\$51 or CA\s\$1 or Ca\s\$1 or Ca\s\$1 or Ca\s\$1 with provider) (\$4\conditional near3 \$4\access\$4) or CA\s\$1 or Ca\s\$1 or Ca\s\$1 or Ca\s\$1 or Ca\s\$1 or Ca\s\$1 or S4\conditional near3 \$4\conditional near3 \$4\access\$4 or S4\conditional near3 \$4\access\$51 or S4\conditional near5 or S4\conditio | US-PCPUB; USPAT; USOCR; EPO; JPO; EDO; WENT; IBM_TDB | SAME | ON | 2007/09/25 21:46 |
| S149 | 19 | S148 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB | AND | ON | 2007/09/25 21:51 |

| S150 | 179 | [((First\$4 or primary) (((\$4conditional near3 \$4acosss\$4) or CAS\$1 or CAW\$1 or CableCAPD or DCAS\$1) provider) (\$econd \$4 ((\$4conditional near3 \$4acosss\$4) or CAS\$1 or CAW\$1 or CableCAPD or DCAS\$1) provider) (\$4crypt \$5 or \$4cpher\$5 or \$4scramb(\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/09/25 21:47 |
|------|-----|--|--|------|----|---------------------|
| S151 | 17 | ((\$4conditional near3) \$4access\$4) or CAS\$1 or CAS\$1.ti. ((\$4conditional near3) \$4access\$4) or CAS\$1 or CAS\$1.ti. ((\$4conditional near3) \$4access\$4) or CAS\$1 or CAS\$1 or CAS\$1.ti. (\$4conditional near3) \$4access\$4) or CAS\$1 or CA | US-PGPUB; USPAT; USOCR; EPC; JPO; DEFWENT; IBM_TDB | AND | ON | 2007/09/25 21:52 |
| S152 | 15 | S151 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 21:53 |
| S153 | 32 | (((\$4conditional near3) \$4access\$4) or CA\$\$1 or CA\$\$1 or CableCAPD or DCA\$\$1).ti. or ((\$4conditional near3) \$4access\$4) or CA\$\$1 or CA\$\$1 or CableCAPD or DCA\$\$1.b.) (((First\$4) or primary) same ((\$4conditional near3) \$4access\$4) or CA\$\$1 or CA\$\$1 or CableCAPD or DCA\$\$1)same provider) same (\$6cond\$4 same ((\$4conditional near3) \$4access\$4) or CA\$\$1 or CA\$\$1)same provider) same (\$6cond\$4 same ((\$4conditional near3) \$4access\$4) or CA\$\$1 or CA\$\$1\$ same provider) same (\$54coss\$1) same provider) | US-PGPUB; USPAT; USOCR; EPC; JPO; DEFWENT; IBM_TDB | AND | ON | 2007/09/25 22:46 |

| | | \$4cipher\$5 or \$4scrambl \$5)) | | | | |
|------|----|---|--|-----|----|---------------------|
| S154 | 23 | S153 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:09 |
| S155 | 9 | (US-20030196113-\$ or US- 20030026423-\$ or US- 20020146125-\$).did. or (US-6398285-\$ or US- 6637027-\$ or US-6115821- \$ or US-6108422-\$ or US- 6091818-\$ or US-5796829- \$).did. | US-PGPUB; USPAT | AND | ON | 2007/09/25 22:00 |
| S156 | 9 | S155 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:00 |
| S157 | 15 | (US-20030059047-\$ or US- 20040021302-\$ or US- 20040019913-\$ or US- 20030212895-\$ or US- 20030172034-\$ or US- 20020157115-\$ or US- 20020146125-\$ or US- 20020058642-\$). did. or (US-7024683-\$ or US- 6289455-\$ or US-6040851- \$ or US-6307027-\$ or US- 6628891-\$ or US-5870474- \$). did. or (US- 20030059047-\$). did. | US-PGPUB; USPAT; DERWENT | AND | ON | 2007/09/25 22:01 |
| S158 | 18 | (US-20030196113-\$ or US-20030026423-\$ or US-20020146125-\$ or US-20020059642-\$ or US-20020157115-\$ or US-20030059047-\$ or US-20030172034-\$ or US-20030172034-\$ or US-20030212895-\$ or US-20030212895-\$ or US-6037027-\$ or US-6115821-\$ or US-610981818-\$ or US-5091818-\$ or US-5091818-\$ or US-5091818-\$ or US-5091818-\$ or US-6040851-\$ or US-628455-\$ or US-628891-\$).did. | US PGPUB; USPAT | AND | ON | 2007/09/25 22:09 |
| S159 | 18 | S158 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:43 |

| S160 | 9 | S159 (((First\$4 or primary) with ((\$4conditional near3 \$4access\$4) or CAS\$1 or CAS\$1 or CAS\$1 or CableCARD or DCAS\$1) with provider) ((\$4cond\$4 with provider) (\$4cond\$4 with provider) (\$4cond\$4 with provider) (\$4cond\$4 with provider) (\$4crypt\$5 or \$4scrambt\$5) or \$4scrambt\$5) | US-POPUB; USPAT; USOOR; EPO; IPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:27 |
|------|-----|---|--|------|----|---------------------|
| S161 | 7 | S159 (((First\$4 or primary) with (((\$4conditional near3 \$4access\$4) or CAS\$1 or Same (\$4cypt\$5 or \$4cipher\$5 or \$4ciph | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:39 |
| S162 | 327 | (((First\$4 or primary) with ((\$4conditional near3 \$4acosss\$4) or CA\$\$1 or CA\$\$1 or CA\$\$1 or CableCAFD or DCA\$\$1) with provider) (\$econd\$4 with ((\$4conditional near3 \$4acoss\$4) or CA\$\$1 or CA\$\$1 or CA\$\$1 or CA\$\$1 or CA\$\$1 or CA\$\$1 or DCA\$\$1) with provider) | US PCPUB; USPAT; USOCR; EPC; JPC; DERWENT; IBM_TDB | SAME | ON | 2007/09/25 22:40 |
| S163 | 306 | (((First\$4 or primary) with (((\$4conditional near3 \$4acoss\$4) or CA\$51 or CA\\$51 or CA\\$51 or CA\\$51 or CA\\$61 or CableCAFD or DCA\\$51) with provider) with (Second\$4 with ((\$4conditional near3 \$4acoss\$\$4) or CA\\$51 or CA\\$61 or CA\\$61 with provider) with provider) | US POPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | | 2007/09/25 23:02 |

| S164 | 11 | (((FirstS4 or primary) with ((S4conditional near3 S4acossS4) or CASS1 or With (SecondS4 with ((S4conditional near3 S4acossS4) or CASS1 or CASS1 or CASS1 or CASS1 or With (coreS4 with logic S4) with (coreS4 with logic S4). | US-PGPUB; USPAT; USOCR; EFPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:43 |
|------|-----|--|---|-----|----|---------------------|
| S165 | 0 | S164 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:44 |
| S166 | 1 | (((First\$4 or primary) with ((\$4conditional near3 \$4acoss\$4) or CAS\$1 or CAM\$1 or CableCAFD or DCAS\$1) with provider) same (\$econd\$4 with ((\$4conditional near3 \$4acoss\$4) or CAS\$1 or CAM\$1 or CableCAFD or DCAS\$1) with provider) same (core\$4 with logic \$\$4) | US-PCPUB; USPAT; USOCR; EPO; JPO; DDF;WENT; IBM_TDB | AND | ON | 2007/09/25 22:45 |
| S167 | 0 | S166 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:47 |
| S168 | 306 | (((First\$4 or primary) with ((\$4conditional near3 \$4acoss\$4) or CA\$\$1 with provider with (\$6cond\$4 with ((\$4conditional near3 \$4acoss\$4) or CA\$\$1 or CA\$\$1 or CA\$\$1 or CA\$\$1 with provider) with yith the cable CA\$\$1 or CA\$\$1 or CA\$\$1 or CA\$\$1 with provider)) | US PCPUB; USPAT; USOCR; EPC; JPC; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:45 |
| S169 | 62 | (((\$4conditional near3 \$4access\$4) or CAS\$1 or CAM\$1 or CableCAPD or DCAS\$1).ti. or ((\$4conditional near3 \$4access\$4) or CAS\$1 or CAM\$1 or CableCAPD or DCA\$\$1).ab.) \$168 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 22:46 |

| S170 | 12 | (((\$4conditional near3 \$4access\$4) or CAS\$1 or CAM\$1 or CableCARD or DCAS\$1).ti. and ((\$4conditional near3 \$4access\$4) or CAS\$1 or CAM\$1 or CableCARD or DCAS\$1).ab.) \$168 | US-PGPUB; USPAT; USOCR; EPO; JPO; DEFRWENT; IBM_TDB | AND | ON | 2007/09/25 22:46 |
|------|----|--|---|-----|----|---------------------|
| S171 | 10 | S170 @ad<"20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 23:02 |
| S172 | 2 | (((First\$4 or primary) with (((\$4conditional near3 \$4acces\$4) or CA\$51 or CA\\$51 or CA\\$51 or CA\\$51 or CableCAFD or DCA\$51) with provider) with ((\$5cond\$4 with ((\$4conditional near3 \$4acces\$4) or CA\$51 or CA\\$51 or Ca\\$51 with provider)), it. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 23:03 |
| S173 | 2 | S172 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 23:03 |
| S174 | 24 | (((First\$4 or primary) with (((\$4conditional near3 \$4acoss\$4) or CA\$51 or CAM\$51 or CAM\$51 or CaM\$61 or CaM\$61 or CaM\$62 with (Second\$4 with ((\$4conditional near3 \$4acoss\$4) or CA\$51 or CAM\$51 or CaM\$61 or CaM\$61 with provider) with (with the came of the cam | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 23:06 |
| S175 | 18 | S174 @ad< "20030512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 23:06 |

| S176 | 25 | (((First\$4 or primary) with (((\$4conditional near3 \$4acoss\$4) or CA\$51 or CA\\$51 or CA\\$51 or CA\\$51 or CableCARD or DCA\$51) with provider) ((\$4conditional near3 \$4acoss\$4) or CA\\$51 or CA\\$51 or CA\\$51 or CA\\$51 with provider)). ab. | US-PCPUB; USPAT; USOCR; EPO; JPO; DDF;WWENT; IBM_TDB | AND | ON | 2007/09/25 23:06 |
|------|----|--|--|-----|----|---------------------|
| S177 | 1 | S176 not S174 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/25 23:06 |
| S178 | 17 | (US-20030196113-\$ or US- 20030026422-\$ or US- 20020146125-\$ or US- 20020059642-\$ or US- 20020157115-\$ or US- 20030059047-\$ or US- 20030172034-\$ or US- 2003012895-\$ or US- 6637027-\$ or US-6108425- or US-6091818-\$ or US- 5796829-\$ or US-6040851- \$ or US-6289455-\$ or US- 662891-\$0, idi. | US PGPUB; USPAT | AND | ON | 2007/09/26 11:14 |
| S179 | 2 | *20030059047* | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/26 12:00 |
| S180 | 1 | 10/815484 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/26 12:42 |
| S181 | 17 | (US-20030196113-\$ or US- 20030026423-\$ or US- 20020146125-\$ or US- 200200159642-\$ or US- 20030059047-\$ or US- 20030059047-\$ or US- 20030172034-\$ or US- 20030212895-\$ or US- 6037027-\$ or US- 6037027-\$ or US- 6037027-\$ or US- 5796829-\$ or US- 5796829-\$ or US- 5796829-\$ or US- | US-PGPUB; USPAT | AND | ON | 2007/09/26 14:35 |

| | | 6628891-\$).did. | • | | | |
|------|-------|---|---|-----|----|---------------------|
| S182 | 17 | [US-20030196113-\$ or US-20030026423-\$ or US-20030026423-\$ or US-20020146125-\$ or US-20020059642-\$ or US-20020157115-\$ or US-20030059047-\$ or US-20030212895-\$ or US-20030272385-\$ or US-603027-\$ or US-6108422-\$ or US-603021818-\$ or US-603021818-\$ or US-603025-\$ or US-6030818-\$ or US-603081-\$ or US-603081 | US POPUB; USPAT | AND | ON | 2007/09/26 |
| S183 | 7 | \$182 (power\$4 or batter \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/26 16:21 |
| S184 | 33560 | (First\$4 or primary) Second \$4 ((\$4conditional near3 \$4()\$4conditional near3 \$4access\$4) or CAS\$1 or CAS\$1 or CAbE or DCAS\$1) (\$4crypt\$5 or \$4cpher\$5 or \$4scrambl \$5) ((Ore near3 logic) or \$4processor\$4) (NON?? VCLATTILE or ROM or PROM or FLASH??MEMORY or NYRAM or SDRAM or EEROM or EERAM or MRAM) or NRAM) or NRAM or NRAM or NRAM) or NRAM OR | US PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DETWENT; IBM_TDB | AND | ON | 2008/03/20 |
| S185 | 0 | (First\$4 or primary) Second\$4 ((\$4conditional near3 \$4access\$4) or CAS \$1 or CAN\$51 or CAS \$1 or CAN\$51 or CAS\$1) (\$4cypt\$5 or \$4cipher\$5 or \$4scrambl\$5) ((Core near3 logic) or \$4processor \$4) (NON?YOLATTILE or PROM or PROM or PROM or PROM or EASH?) MEMORY or NYRAM or SDRAM or EAROM or EPROM or EAROM or EPROM or FERAM or SONCS or FRAM or NYRAM (CAS) SONCS or FRAM or NYRAM (CAS) SONCS or FRAM or NYRAM) (Programmabl\$4 near3 gate43) .dm. | US-PAT-US-OR, USPAT; US-OR, FPRS; EPO, JPO; DEFWENT; IBM_TDB | AND | ON | 2008/03/20 13:58 |

| S186 | 0 | ((First\$4 or primary) Second\$4 ((\$4conditional near3 \$4access\$4) or CAS \$1 or CAM\$5 or Cable(CAFID or DCAS\$1) (\$4crypt\$5 or \$4crjoher\$5 or \$4scrambl\$5) ((COre near3 logic) or \$4processor \$4) (NON??VOLATTILE or ROM or PROM or FLASH?? MEMOCRY or NVFAM or SDRAM or EAROM or EPROM or EAROM or EPROM or EAROM or EPROM or FLASH?? MEMOCRY or NVFAM or SDRAM or SAROM or EPROM or FAROM or FERAM or MRAM or SCNCS or RFAM or NFAM) ((Programmabl\$4 near3 gate43)) | USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB | AND | ON | 2008/03/20 |
|------|---|---|---|------|----|---------------------|
| S187 | | ((First\$4 or primary) Second\$4 ((\$4conditional near) \$4access\$4) or CAS \$1 or CAM\$1 or CAS\$1 (\$4coyn\$5 or \$4cipher\$5 or \$4ecrambl\$5) ((Core near3 logic) or \$4processor \$4) ((NON??VCLATTILE or ROM or PROM or FLASH?? MEMORY | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB | SAME | ON | 2008/03/20 13:58 |
| S188 | O | ((First\$4 or primary) Second\$4 ((\$4conditional) near3 \$4acoss\$\$4) or CAS \$1 or CAM\$1 or CableCARD or DCAS\$1) (\$4crypt\$5 or \$4cipher\$5 or \$4ecrambi\$5) ((Core near3 logic) or \$4processor \$4) ((NON??VOLATTILE or ROM or PROM or FLASH?? MEMORY or NVRAM or SDRAM or EAROM or EPROM or EAROM or EPROM or FRAM or SDRAM or FRAM or SDRAM or FRAM or SONOS or FRAM or NRAM) (Frogrammabi\$4 near3 gate43) J.ab. | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DEFWENT; IBM_TDB | AND | ON | 2008/03/20 14:07 |

| S189 | 0 | ((First\$4 or primary) Second\$4 ((s4conditional near3 \$4access\$4) or CAS \$1 or CAM\$1 or CAS \$1 or S4orighter\$5 or \$4orighter\$5 (S4corypt\$5 or \$4orighter\$5 or \$4scrambl\$5) ((Core near3 logic) or \$4processor \$4) (NON?YOLDATTILE or NEM or PROM or FLASH?? MEMORY or NVRAM or SDRAM or EAROM or EPROM or EEPROM or EPROM or FERAM or SONCS or FRAM or SONCS or FRAM or SONCS or FRAM or NFAM) (Programmabl\$4 near3 gate43)) | US PGPUB; USPAT, USOOR, FPRS; EPO; JPO; DEHWENT; IBM_TDB | AND | ON | 2008/03/20 |
|------|-------|---|---|-----|----|---------------------|
| S190 | 33560 | ((First\$4 or primary) Second\$4 ((\$4conditional near3 \$4access\$4) or CAS \$1 or CAM\$1 or CAS \$1 or CAS \$1 or CAS \$1 or S4crocessor \$4) (NON?YOLATTILE or ROM or PROM or FLASH?? MEMORY or NVRAM or SDRAM or EAROM or EPROM or EEPROM or FERAM or MRAM or SONOS or RRAM or NRAM)) | US-POPUB; USPAT; USOOR; FPRS; EPO; JPO; DEHWENT; IBM_TDB | AND | ON | 2008/03/20 |
| S191 | 17 | (US-20030196113-\$ or US-20030026423-\$ or US-20020146125-\$ or US-20020157115-\$ or US-20020157115-\$ or US-20030059047-\$ or US-20030059047-\$ or US-2003005902-\$ or US-2003005902-\$ or US-603022-\$ or US-603027-\$ or US-603027-\$ or US-603025-\$ or US-603027-\$ or US-6030851-\$ or US-6289455-\$ or US-6289455-\$ or US-6289455-\$ or US-6289455-\$ or US-6289455-\$ or US-6289455-\$ or US-66289455-\$ or US-66289450-\$ | US POPUB; USPAT | AND | ON | 2008/03/20 14:10 |
| S192 | 7061 | 713/182.cds. 725/25.cds. 713/300.cds. 726/26.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB | OR | ON | 2008/03/20 14:33 |

| S193 | 59815 | "380".das. "726".das. "713".das. | US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 14:33 |
|------|-------|--|---|-----|----|---------------------|
| S194 | 667 | S190 S192 | US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/20 14:34 |
| S195 | 238 | (((\$4conditional near3 \$4access\$4) or CAS\$1 or CAM\$1 or CableCARD or DCAS\$1) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl \$5)).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/20 14:34 |
| S196 | 3904 | ((((\$4conditional near3 \$4access\$4) or CAS\$1 or CAM\$1 or CableCARD or DCAS\$1) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl \$5)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/20 14:35 |
| S197 | 3956 | S195 S196 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 14:35 |
| S198 | 594 | S197 S193 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/20 14:36 |
| S199 | 381 | \$198 @ad< "20020512" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/20 14:36 |
| S200 | 63 | S190 S199 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/20 14:36 |

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